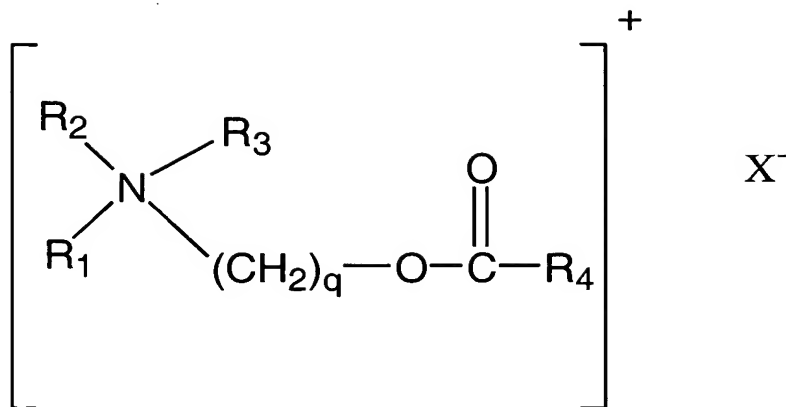


**What is claimed is:**

1. A fabric softener composition comprising:
- 5 (a) from 0.01% to 50% by weight of a cationic or non-ionic softening compound;
- (b) at least 0.001%, by weight, of a water dispersible cross-linked cationic polymer derived from the polymerization of from 5 to 100 mole percent of a cationic vinyl addition monomer, from 0 to 95 mole percent of acrylamide, and from 5 to 500 ppm of a difunctional vinyl addition monomer cross-linking agent;
- 10 (c) from 0 to 5% by weight of a non-confined fragrance oil;
- (d) an effective amount of at least one fabric or skin benefiting ingredient encapsulated within an organic polymer core and having at the exterior of the core a hydroxy functional polymer attached to the core so as to form a shell at least partially about said core; said hydroxy functional polymer not being removed from the core in water;
- 15 (e) balance water and optionally one or more adjuvant materials
- 20 2. A fabric softening composition in accordance with claim 1 wherein the cationic softening compound is selected from the group consisting of:
- (a) Difatty dialkly quaternary ammonium compounds;
- (b) Fatty ester quaternary ammonium compounds
- (c) Alkyl imidazolinium compounds
- 25 (d) Fatty amide quaternary ammonium compounds
3. A fabric softening composition in accordance with claim 1 wherein the non-ionic softening compound is selected from the group consisting of fatty amidoamine
- 30 4. A fabric softening composition in accordance with claim 2 wherein said fatty ester quaternary ammonium compound is a biodegradable fatty ester quaternary ammonium compound having the formula:

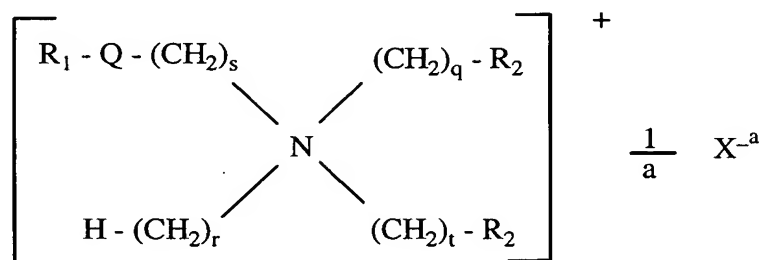


5 wherein R4 represents an aliphatic hydrocarbon group having from 8 to 22 carbon atoms, R<sub>2</sub> and R<sub>3</sub> represent (CH<sub>2</sub>)<sub>s</sub>-R<sub>5</sub> where R<sub>5</sub> represents an alkoxy carbonyl group containing from 8 to 22 carbon atoms, benzyl, phenyl, (C1-C4) – alkyl substituted phenyl, OH or H; R1 represents (CH<sub>2</sub>)<sub>t</sub> R<sub>6</sub> where R<sub>6</sub> represents benzyl, phenyl, (C1-C4) – alkyl substituted phenyl, OH or H; q, s, and t, each independently, represent an integer from 1 to 3; and X<sup>-</sup> is a softener compatible anion.

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5. A fatty softening composition in accordance with claim 2 having a biodegradable fatty ester quaternary ammonium compound derived from the reaction of an alkanol amine and a fatty acid derivative followed by quaternization, said fatty ester quaternary ammonium compound being

15 represented by the formula :



20 wherein Q represents a carboxyl group having the structure –OCO- or –COO-; R1 represents an aliphatic hydrocarbon group having from 8 to 22 carbon

atoms; R<sub>2</sub> represents -Q-R<sub>1</sub> or -OH; q, r, s and t, each independently represent a number of from 1 to 3; and X<sup>-a</sup> is an anion of valence a; and

wherein said fatty ester quaternary ammonium compound is comprised of a distribution of monoester, diester and triester compounds, the monoesterquat

compound being formed when each R<sub>2</sub> is -OH; the diesterquat compound being formed when one R<sub>2</sub> is -OH and the other R<sub>2</sub> is -Q-R<sub>1</sub>; and the

triesterquat compound being formed when each R<sub>2</sub> is -Q-R<sub>1</sub>; and wherein the normalized percentage of monoesterquat compound in said fatty ester

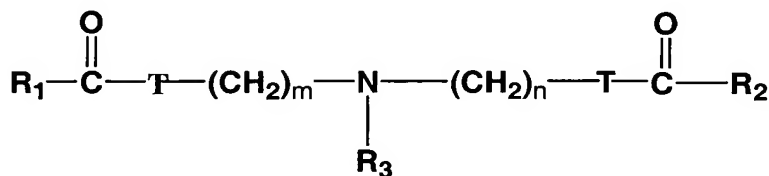
quaternary ammonium compound is from 28% to 39%; the normalized

percentage of diesterquat compound is from 52% to 62% and the normalized

percentage of triesterquat compound is from 7% to 14%; all percentages being by weight.

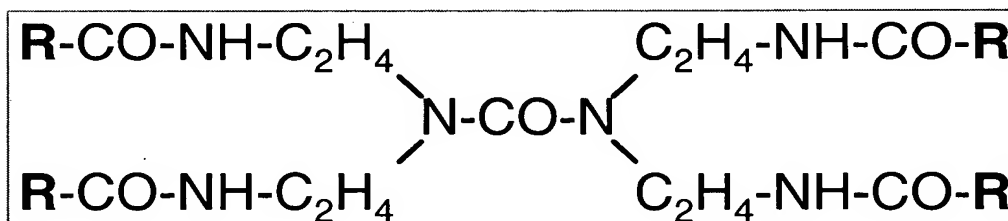
6. A fabric softening composition in accordance with claim 3 wherein said fatty amidoamine has the formula (I or II):

Formula I



wherein R<sub>1</sub> and R<sub>2</sub>, independently, represent C<sub>12</sub> to C<sub>30</sub> aliphatic hydrocarbon groups, R<sub>3</sub> represents (CH<sub>2</sub>CH<sub>2</sub>O)<sub>p</sub>H, CH<sub>3</sub> or H; T represents NH; n is an integer from 1 to 5; m is an integer from 1 to 5 and p is an integer from 1 to 10.

Formula II (Alkyl Carbamidoethyl Urea; R is a C<sub>12</sub> to C<sub>22</sub> Alkyl Group)

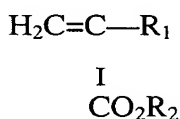


8. A fabric softening composition in accordance with claim 1 wherein said cross-linked cationic polymer is a cross-linked copolymer of a quaternary ammonium acrylate or methacrylate in combination with an acrylamide co-monomer.

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9. A fabric softening composition in accordance with claim 1 wherein said organic polymer in (d) is a polymer of a vinyl monomer or urea-formaldehyde or melamine-formaldehyde.

- 10 10. A fabric softening composition in accordance with claim 9 wherein is the organic polymer is a polymer of one or more monomers which are acrylic and/or alkyl acrylic esters of formula



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where R.sub.1 is hydrogen or alkyl (including branched alkyl) of 1 to 6 carbon atoms, preferably 1 to 3 carbon atoms and R.sub.2 is branched or branched alkyl of 1 to 8 carbon atoms.

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11. A product according to claim 1 wherein said hydroxy functional polymer in (d) is cellulose or chemically modified cellulose.

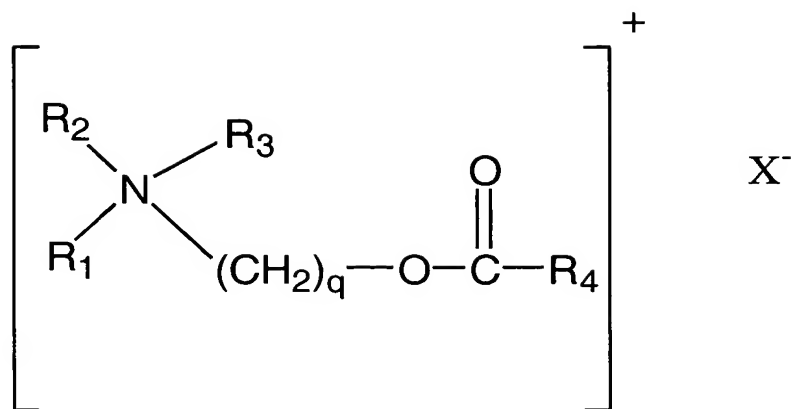
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12. A product according to claim 3 wherein R.sub.1 is hydrogen or methyl, R.sub.2 is alkyl (including branched alkyl) of 3 or 4 carbon atoms and said hydroxy functional polymer is polyvinyl alcohol which is at least 88% hydrolyzed from polyvinyl acetate.

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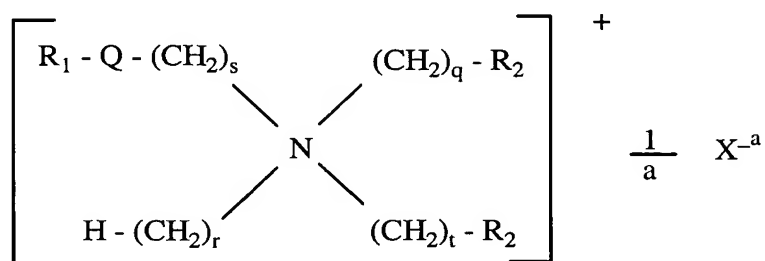
13. The composition of claim 1 wherein the fabric or skin benefiting ingredient is selected from the group consisting of perfumes or fragrance oils, anti-bacterial agents, vitamins, skin conditioners, UV absorbers and enzymes.

14. The composition of claim 13 wherein the fabric or skin benefiting ingredient is a perfume or fragrance oil.
- 5 15. The composition of claim 13 wherein the perfume or skin benefiting ingredient is mixed with a polymer or non-polymeric carrier material or surfactant or solvent or mixtures thereof.
- 10 16. A fabric softening composition in accordance with claim 1 which is in the form of a liquid, powder or gel.
- 15 17. A fabric softening composition in accordance with claim 1 which is in the form of a fabric softener sheet.
18. A fabric softening composition in accordance with claim 1 which further contains at least 0.001% of a chelating compound capable of chelating metal ions and selected from the group consisting of amino carboxylic acid compounds, organo aminophosphonic acid compounds and mixtures thereof.
- 20 19. A method of imparting softness to fabrics comprising contacting said fabrics with an effective amount of the fabric softening composition of claim 1.
- 25 20. The method of claim 19 wherein said fabrics are contacted during the rinse cycle of a laundry washing machine or hand wash laundry treatment. The fabrics can be contacted also by a method of direct spraying or padding onto fabrics.
21. A method in accordance with claim 19 wherein said fabric softening compound is a fatty ester quaternary ammonium compound.
- 30 22. A method in accordance with claim 21 wherein said fatty ester quaternary ammonium compound has the formula



5 wherein R4 represents an aliphatic hydrocarbon group having from 8 to 22 carbon atoms, R<sub>2</sub> and R<sub>3</sub> represent (CH<sub>2</sub>)<sub>s</sub>-R<sub>5</sub> where R<sub>5</sub> represents an alkoxy carbonyl group containing from 8 to 22 carbon atoms, benzyl, phenyl, (C1-C4) – alkyl substituted phenyl, OH or H; R1 represents (CH<sub>2</sub>)<sub>t</sub> R<sub>6</sub> where R<sub>6</sub> represents benzyl, phenyl, (C1-C4) – alkyl substituted phenyl, OH or H; q, s, and t, each independently, represent an integer from 1 to 3; and X<sup>-</sup> is a softener compatible anion.

23. A method in accordance with claim 21 wherein the fatty ester quaternary ammonium compound is derived from the reaction of an alkanol amine and a fatty acid derivative followed by quaternization, said fatty ester quaternary ammonium compound being represented by the formula :



20 wherein Q represents a carboxyl group having the structure –OCO- or –COO-; R1 represents an aliphatic hydrocarbon group having from 8 to 22 carbon

atoms;  $R_2$  represents  $-Q-R_1$  or  $-OH$ ;  $q$ ,  $r$ ,  $s$  and  $t$ , each independently represent a number of from 1 to 3; and  $X^{-a}$  is an anion of valence  $a$ ; and wherein said fatty ester quaternary ammonium compound is comprised of a distribution of monoester, diester and triester compounds, the monoesterquat compound being formed when each  $R_2$  is  $-OH$ ; the diesterquat compound being formed when one  $R_2$  is  $-OH$  and the other  $R_2$  is  $-Q-R_1$ ; and the triesterquat compound being formed when each  $R_2$  is  $-Q-R_1$ ; and wherein the normalized percentage of monoesterquat compound in said fatty ester quaternary ammonium compound is from 28% to 39%; the normalized percentage of diesterquat compound is from 52% to 62% and the normalized percentage of triesterquat compound is from 7% to 14%; all percentages being by weight.

24. A method in accordance with claim 20 wherein said fabric or skin  
beneficiating ingredient is a perfume or fragrance oil.